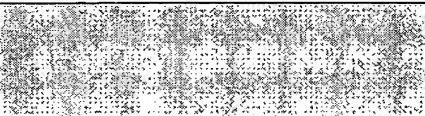
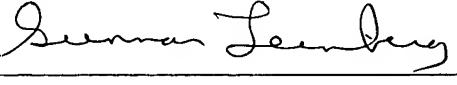


**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>		Attorney Docket No. <b>4484/111</b> First Inventor <b>James F. Munro</b> Title <b>AN APPARATUS FOR HIGH ACCURACY DISTANCE AND VELOCITY MEASUREMENT AND METHODS THEREOF</b> Express Mail Label No. <b>EV983812622US</b>	
<b>APPLICATION ELEMENTS</b> <i>See MPEP chapter 600 concerning utility patent application contents.</i>		<b>ADDRESS TO:</b> Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450	
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i> 2. <input checked="" type="checkbox"/> Applicant claims small entity status. <i>See 37 CFR 1.27.</i> 3. <input checked="" type="checkbox"/> Specification <i>[Total Page 117]</i> <i>(preferred arrangement set forth below)</i> <ul style="list-style-type: none"> <li>- Descriptive title of the invention</li> <li>- Cross Reference to Related Applications <i>(if applicable)</i></li> <li>- Statement Regarding Fed sponsored R &amp; D <i>(if applicable)</i></li> <li>- Reference to sequence listing, a table, or a computer program listing appendix <i>(if applicable)</i></li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings <i>(if filed)</i></li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul> 4. <input checked="" type="checkbox"/> Drawing(s) <i>(35 U.S.C. 113)</i> <i>[Total Sheets 31]</i> 5. Oath or Declaration <i>[Total Pages 2]</i> <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Newly executed (original or copy)</li> <li>b. <input checked="" type="checkbox"/> Unsigned</li> <li>c. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))  <i>(for continuation/divisional with Box 18 completed)</i> <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b>            Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)</li> </ul> </li> </ul> 6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76		7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Computer Readable Form (CRF)</li> <li>b. Specification Sequence Listing on:           <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies; or</li> <li>ii. <input type="checkbox"/> paper</li> </ul> </li> <li>c. <input type="checkbox"/> Statements verifying identity of above copies</li> </ul>	
<b>ACCOMPANYING APPLICATION PARTS</b>			
9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input checked="" type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i> 11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i> 12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations 13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i> 15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i> 16. <input type="checkbox"/> Nonpublication request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. <input type="checkbox"/> Other: _____			
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP)    of prior application No.: _____ / _____ Prior application information:    Examiner _____    Group / Art Unit: _____			
<b>For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.</b>			
<b>19. CORRESPONDENCE ADDRESS</b>			
<input type="checkbox"/> Customer Number or Bar Code Label			
		or <input checked="" type="checkbox"/> Correspondence address below	
Name <b>Nixon Peabody LLP</b> <i>Clinton Square, P.O. Box 31051</i>			
Address			
City <b>Rochester</b>		State <b>NY</b>	Zip Code <b>14603-1051</b>
Country <b>USA</b>		Telephone <b>(585) 263-</b>	Fax <b>(585) 263-1600</b>
Name (Print/Type) <b>Gunnar G. Leinberg</b>		Registration No. (Attorney/Agent) <b>35,584</b>	
Signature 		Date	<b>November 26, 2003</b>

U.S. PTO  
10/17/2003  
112603

# FEES TRANSMITTAL FOR FY 2003

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$2,724)

Complete if Known	
Application Number	To Be Assigned
Filing Date	Herewith
First Named Inventor	James F. Munro
Examiner Name	To Be Assigned
Art Unit	To Be Assigned
Attorney Docket No.	4484/111

## METHOD OF PAYMENT (check all that apply)

Check  Credit Card  Money Order  Other  None

Deposit Account:

Deposit Account Number

14-1138

Deposit Account Name

Nixon Peabody LLP

## The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s)  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee Code	Fee (\$)	Fee (\$)
1001	770	2001	385
1002	340	2002	170
1003	530	2003	265
1004	770	2004	385
1005	160	2005	80
<b>SUBTOTAL (1)</b>		(\$ 385)	

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Fee from below	Fee Paid
	Extra Claims		
Total Claims	256	-20** =	236 X 9 = 2124
Independent Claims	8	-3** =	5 X 43 = 215
Multiple Dependent		X 140 =	0

Large Entity	Small Entity	Fee Description
Fee Code	Fee Code	Fee (\$)
1202	18	2202
1201	86	2201
1203	290	2203
1204	86	2204
1205	18	2205
<b>SUBTOTAL (2)</b>		(\$2,339)

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description
Fee Code	Fee Code	Fee (\$)
1051	130	2051 65 Surcharge - late filing fee or oath
1052	50	2052 25 Surcharge - late provisional filing fee or cover sheet
1053	130	1053 130 Non-English specification
1812	2,520	1812 2,520 For filing a request for <i>ex parte</i> reexamination
1804	920*	1804 920* Requesting publication of SIR prior to Examiner action
1805	1,840*	1805 1,840* Requesting publication of SIR after Examiner action
1251	110	2251 55 Extension for reply within first month
1252	420	2252 210 Extension for reply within second month
1253	950	2253 475 Extension for reply within third month
1254	1,480	2254 740 Extension for reply within fourth month
1255	2,010	2255 1,005 Extension for reply within fifth month
1401	330	2401 165 Notice of Appeal
1402	330	2402 165 Filing a brief in support of an appeal
1403	290	2403 145 Request for oral hearing
1451	1,510	1451 1,510 Petition to institute a public use proceeding
1452	110	2452 55 Petition to revive - unavoidable
1453	1,330	2453 665 Petition to revive - unintentional
1501	1,330	2501 665 Utility issue fee (or reissue)
1502	480	2502 240 Design issue fee
1503	640	2503 320 Plant issue fee
1460	130	1460 130 Petitions to the Commissioner
1807	50	1807 50 Processing fee under 37 CFR 1.17(q)
1806	180	1806 180 Submission of Information Disclosure Stmt
8021	40	8021 40 Recording each patent assignment per property (times number of properties)
1809	770	2809 385 Filing a submission after final rejection (37 CFR 1.129(a))
1810	770	2810 385 For each additional invention to be examined (37 CFR 1.129(b))
1801	770	2801 385 Request for Continued Examination (RCE)
1802	900	1802 900 Request for expedited examination of a design application
Other fee (specify) _____		

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** (\$ 0)

## CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]

I hereby certify that this correspondence is being:

deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop \_\_\_\_\_, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450

transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at (703) \_\_\_\_\_.

Date

Signature

Typed or printed name

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Gunnar G. Leinberg	Registration No. (Attorney/Agent)	35,584	Telephone	(585) 263-1014
Signature	<i>Gunnar G. Leinberg</i>			Date	November 26, 2003

SEND TO: Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**EXPRESS MAIL CERTIFICATE**

DOCKET NO. : **4484/111**

APPLICANT : **James F. Munro**

TITLE : **AN APPARATUS FOR HIGH ACCURACY DISTANCE AND  
VELOCITY MEASUREMENT AND METHODS THEREOF**

Certificate is attached to the **Utility Patent Application which includes the Specification, Claims, and Abstract (117 pages) and UNSIGNED Combined Declaration and Power of Attorney (2 pages)** of the above-named application.

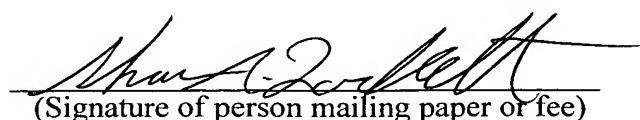
“EXPRESS MAIL” NUMBER: **EV983812622US**

DATE OF DEPOSIT: **November 26, 2003**

I hereby certify that this paper or fee is being deposited with the United States Postal Service “Express Mail Post Office to Addressee” service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop: Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**Shawn A. Lockett**

(Typed or printed name of person mailing  
paper or fee)



(Signature of person mailing paper or fee)